**19CSL246**

**ASSIGNMENT 2**

Temperature and humidity sensing and alarm automation

CODE:

from numpy import random

a=random.randint(100)

b=random.randint(100)

print("Temperature in Celsius =")

print(a)

print("Humidity in percent =")

print(b)

if(a>35):

if(b>45):

print("DANGER!!!!")

print("ALERT Detected for both the temperature and humidity")

else:

print("ALERT Detected only for temperature")

elif(a==30):

print("Temperature reaches the threshold")

else:

print("SAFE! All are normal")